| IN RE APPLICATION OF:   | ATTORNEY'S DOCKET NUMBER |
|-------------------------|--------------------------|
| Ganga Prasad RAI et al. | 4544-051675              |
| PCT/IN2003/000296       |                          |
| ENTITLED                |                          |

# "PROCESS FOR PREPARATION OF AN AGGLUTINATION REAGENT FOR RAPID DETECTION OF TYPHOID"

#### To MAIL STOP PCT

Attention: DO/EO/US Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

#### **EXPRESS MAIL CERTIFICATE**

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Date of Deposit May 26, 2005

I hereby certify that the following attached papers or fees

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/
ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER
35 U.S.C. 371 (original and two (2) copies) and check in amount
of \$1,130.00 for filing fee and surcharge fee for late Declaration
LETTER RECOGNIZING ATTORNEYS (1 pp.)
PRELIMINARY AMENDMENT with ABSTRACT
WO 2004/047721- FRONT PAGE with ABSTRACT, SPECIFICATION
and CLAIMS (14 pp.)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Nora Ann Pastrick
(Typed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

Application No. Not Yet Assigned Paper Dated: May 26, 2005

In Reply to USPTO Correspondence of N/A

Attorney Docket No. 4544-051675

Customer No. 28289

JC20 Rec'd PCT/PTO 2 6 MAY 2005

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

Not Yet Assigned

**Applicants** 

Ganga Prasad RAI et al.

Filed

: Concurrently Herewith

Title

A PROCESS FOR PREPARATION

OF AN AGGLUTINATION REAGENT FOR RAPID DETECTION OF TYPHOID

: No. PCT/IN2003/000296

International Filing Date

International Application

03 September 2003

Priority Dates Claimed

26 November 2002; 12 March 2003

#### MAIL STOP PCT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

#### LETTER RECOGNIZING ATTORNEYS

Sir:

Enclosed are appropriate papers for initiating the national phase of the aboveidentified PCT application, comprising a specification and claims. A Preliminary Amendment is also enclosed.

Please accept the application for purposes of granting a filing date and recognize William H. Logsdon, Richard L. Byrne and Russell D. Orkin, Registration Nos. 22,132, 28,498 and 25,363, respectively, as attorneys in this application, pending the filing of a formal Declaration and Power of Attorney.

Kindly direct all communications relating to this application to William H. Logsdon.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON ORKIN & HANSON, P.C.

William H. Logsdøn Reg. No. 22,132

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## JC03 Rec'd PCT/PTO 2 6 MAY 2009

PTO-1390 (Rev. 02-2005) Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### ATTTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 4544-051675 DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/IN2003/000296 03.09.2003 (September 03, 2003) 26.11.2002; 12.03.2002 TITLE OF INVENTION A Process for Preparation of an Agglutination Reagent for Rapid Detection of Typhoid APPLICANT(S) FOR DO/EO/US Ganga Prasad RAI et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). 5. **V** A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 1 Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12 13. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Other items or information:

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## JC20 Rec'd PCT/PTO 2 6 MAY 2005

PTO-1390 (Rev. 02-2005)

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LICATION NO. (Transport Sep 37-279 1.5) INTERNATIONAL APPLICATION NO.

| 0.S. APPLICATION NO. 1536533315.5) INTERNATIONAL APPLICATION NO. PCT/IN2003/000296   |                    | ) INTERNATIONAL AP | INTERNATIONAL APPLICATION NO.   |                 | ATTORNET S DOCKET NUMBER |    |  |
|--|--------------------|--------------------|---|-----------------|--------------------------|----|--|
|  |                    | 96                 | 4544-051675   |                 |                          |    |  |
| The following fees have been submitted   |                    |                    | CALCULATIONS  | PTO USE ONLY    |                          |    |  |
| 21.  Basic national fee\$300   |                    |                    | \$ 300.00   |                 |                          |    |  |
| 22.  Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)  |                    |                    | \$ 200.00   |                 |                          |    |  |
| 23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority   |                    |                    | \$ 500.00   |                 |                          |    |  |
| TOTAL OF 21, 22 and 23 =   |                    |                    | \$ 1,000.00   | <u> </u>        |                          |    |  |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |                    |                    |   |                 |                          |    |  |
| Total Sheets   | Extra Sheets       |                    | Number of each additional 50 or fraction thereof (round up to a whole number) |                 | 0                        |    |  |
| - 100 =  | /50 =              |                    |   | x \$250         | \$                       |    |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |                    |                    |   | \$ 130.00       |                          |    |  |
| CLAIMS   | NUMBI              | ER FILED           | NUMBER EXTRA  | RATE            | \$                       |    |  |
| Total claims   | 6                  | - 20 =             | 0   | × \$ 50         | \$ 0                     |    |  |
| Independent claims   | 2                  | - 3 =              | 0   | × \$200         | \$ 0                     |    |  |
| MULTIPLE DEPEN   | IDENT CLAIM(S      | ) (if applicable)  |   | + \$360         | \$ 0                     |    |  |
|  |                    |                    | TOTAL OF ABOV   | E CACULATIONS = | \$ 1,130.00              |    |  |
| Applicant claim  | s small entity sta | atus. See 37 CFR   | R 1.27. Fees above are reduc  | ed by ½.        | 0                        |    |  |
| SUBTOTAL =   |                    |                    |   | \$ 1,130.00     |                          |    |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |                    |                    |   | \$ 0            |                          |    |  |
|  |                    |                    | TOTAL   | NATIONAL FEE =  | \$ 1,130.00              |    |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |                    |                    |   |                 | \$ 0                     |    |  |
|  |                    |                    | TOTAL F   | EES ENCLOSED =  | \$ 1,130.00              |    |  |
|  |                    |                    |   |                 | Amount to be refunded:   | \$ |  |
|  |                    |                    |   |                 | Amount to be charged:    | \$ |  |
| a. A check in the amount of \$ 1,130.00 to cover the above fees is enclosed.   |                    |                    |   |                 |                          |    |  |
| b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.   |                    |                    |   |                 |                          |    |  |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. <u>23-0650</u> . A duplicate copy of this sheet is enclosed.                                      |                    |                    |   |                 |                          |    |  |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.                       |                    |                    |   |                 |                          |    |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.                                     |                    |                    |   |                 |                          |    |  |
| SEND ALL CORRESPONDENCE TO:  |                    |                    |   |                 |                          |    |  |
| William H. Logsdon   |                    |                    |   |                 |                          |    |  |
| Webb Ziesenheim Logsdon Orkin & Hanson, P.C.   |                    |                    |   | ogsdon          |                          |    |  |
| 436 Seventh Avenue, 700 Koppers Building Pittsburgh, PA 15219-1818  NAME   |                    |                    |   |                 |                          |    |  |
| Telephone: (412) 471-8815 22,132   |                    |                    |   |                 |                          |    |  |
| 1 = '\ \tau \tau \tau \tau \tau \tau \tau \ta  |                    |                    |   | ON NUMBER       |                          |    |  |